

| Ref # | Hits | Search Query                                                                                                                                                                                                                                        | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------|---------|------------------|
| S17   | 9    | ("5393979" "5561344" "5773833" "6225633" "6313638" "6320388" "6333632" "6469303" "6509562").PN.                                                                                                                                                     | USPAT | OR               | ON      | 2005/05/23 09:30 |
| S18   | 7    | ((("5393979" "5561344" "5773833" "6225633" "6313638" "6320388" "6333632" "6469303" "6509562").PN.) and calibrat\$5                                                                                                                                  | USPAT | OR               | OFF     | 2004/08/27 08:05 |
| S19   | 6    | ((("5393979" "5561344" "5773833" "6225633" "6313638" "6320388" "6333632" "6469303" "6509562").PN.) and power                                                                                                                                        | USPAT | OR               | OFF     | 2004/08/27 11:22 |
| S20   | 4    | ("2959677"   "4778998"   "5393979"   "5572137").PN.                                                                                                                                                                                                 | USPAT | OR               | OFF     | 2004/08/27 08:57 |
| S21   | 1    | ((("2959677"   "4778998"   "5393979"   "5572137").PN.) and power                                                                                                                                                                                    | USPAT | OR               | OFF     | 2004/08/27 09:05 |
| S22   | 18   | ("4028617"   "4266196"   "4447728"   "4609875"   "4789783"   "4975648"   "4994748"   "5086254"   "5153519"   "5192865"   "5317271"   "5394090"   "5394091"   "5394092"   "5541519"   "5889404"   "5925819"   "6104195").PN.                         | USPAT | OR               | OFF     | 2004/08/27 09:13 |
| S23   | 13   | ((("4028617"   "4266196"   "4447728"   "4609875"   "4789783"   "4975648"   "4994748"   "5086254"   "5153519"   "5192865"   "5317271"   "5394090"   "5394091"   "5394092"   "5541519"   "5889404"   "5925819"   "6104195").PN.) and power            | USPAT | OR               | OFF     | 2004/08/27 10:18 |
| S24   | 20   | ("4013913"   "4376893"   "4398152"   "4429228"   "4704536"   "4778998"   "4804846"   "5028544"   "5393979"   "5431714"   "5504328"   "5520060"   "5540898"   "5572137"   "5604059"   "5728586"   "5733833"   "5773833"   "5855850"   "5968837").PN. | USPAT | OR               | OFF     | 2004/08/27 10:18 |

|     |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |    |     |                  |
|-----|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----|-----|------------------|
| S25 | 13  | ((("4013913"   "4376893"   "4398152"   "4429228"   "4704536"   "4778998"   "4804846"   "5028544"   "5393979"   "5431714"   "5504328"   "5520060"   "5540898"   "5572137"   "5604059"   "5728586"   "5733833"   "5773833"   "5855850"   "5968837").PN.) and power                                                                                                                                                                                                                                                 | USPAT           | OR | OFF | 2004/08/27 10:18 |
| S26 | 13  | ((("4013913"   "4376893"   "4398152"   "4429228"   "4704536"   "4778998"   "4804846"   "5028544"   "5393979"   "5431714"   "5504328"   "5520060"   "5540898"   "5572137"   "5604059"   "5728586"   "5733833"   "5773833"   "5855850"   "5968837").PN.) and power) not (((("4028617"   "4266196"   "4447728"   "4609875"   "4789783"   "4975648"   "4994748"   "5086254"   "5153519"   "5192865"   "5317271"   "5394090"   "5394091"   "5394092"   "5541519"   "5889404"   "5925819"   "6104195").PN.) and power) | USPAT           | OR | OFF | 2004/08/27 10:18 |
| S27 | 2   | ("6734435" "6469303").pn.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | USPAT           | OR | OFF | 2004/08/27 11:23 |
| S28 | 9   | ("5393979" "5561344" "5773833" "6225633" "6313638" "6320388" "6333632" "6469303" "6509562").PN.                                                                                                                                                                                                                                                                                                                                                                                                                  | USPAT           | OR | OFF | 2004/08/27 11:42 |
| S29 | 79  | 250/374-388.ccls. and (power and (ioniza\$6 adj (gas or gases)))                                                                                                                                                                                                                                                                                                                                                                                                                                                 | US-PGPUB; USPAT | OR | OFF | 2004/08/27 12:04 |
| S30 | 8   | 250/374-388.ccls. and (ioniza\$6 adj (gas or gases)) and ((adjustable changing changable adjust decreas\$4 increas\$4) near3 power)                                                                                                                                                                                                                                                                                                                                                                              | US-PGPUB; USPAT | OR | OFF | 2004/08/27 12:37 |
| S31 | 586 | (ioniza\$6 adj (gas or gases)) and ((adjustable changing changable adjust decreas\$4 increas\$4) near3 power)                                                                                                                                                                                                                                                                                                                                                                                                    | US-PGPUB; USPAT | OR | ON  | 2004/08/27 13:57 |
| S32 | 1   | ((ioniza\$6 adj (gas or gases)) and ((adjustable changing changable adjust decreas\$4 increas\$4) near3 power) ) and (photoionization adj detector)                                                                                                                                                                                                                                                                                                                                                              | US-PGPUB; USPAT | OR | ON  | 2004/08/27 12:39 |

|     |     |                                                                                                                                                                                                                                                                                                                                                                 |                 |    |     |                  |
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| S33 | 180 | ((ioniza\$6 adj (gas or gases)) and ((adjustable changing changable adjust decreas\$4 increas\$4) near3 power) ) and lamp                                                                                                                                                                                                                                       | US-PGPUB; USPAT | OR | ON  | 2004/08/27 12:40 |
| S34 | 89  | ((ioniza\$6 adj (gas or gases)) and ((adjustable changing changable adjust decreas\$4 increas\$4) near3 power) ) and lamp and concentration                                                                                                                                                                                                                     | US-PGPUB; USPAT | OR | ON  | 2004/08/27 14:39 |
| S35 | 631 | 324/404-414.ccls.                                                                                                                                                                                                                                                                                                                                               | US-PGPUB; USPAT | OR | ON  | 2004/08/27 14:40 |
| S36 | 0   | 324/404-414.ccls. and (concentration with gas)                                                                                                                                                                                                                                                                                                                  | US-PGPUB; USPAT | OR | ON  | 2004/08/27 14:41 |
| S37 | 9   | 324/404-414.ccls. and ((adjustable adjusting changing changable adjust decreas\$4 increas\$4) near3 power)                                                                                                                                                                                                                                                      | US-PGPUB; USPAT | OR | ON  | 2004/08/27 14:41 |
| S38 | 4   | ((("5393979" "5561344" "5773833" "6225633" "6313638" "6320388" "6333632" "6469303" "6509562").PN.) and threshold                                                                                                                                                                                                                                                | USPAT           | OR | OFF | 2004/08/27 14:54 |
| S39 | 5   | ("2768304"   "5338931"   "5393979"   "5457316"   "5968837").PN.                                                                                                                                                                                                                                                                                                 | USPAT           | OR | OFF | 2004/08/27 15:17 |
| S40 | 1   | ((("2768304"   "5338931"   "5393979"   "5457316"   "5968837").PN.) and (threshold calibrat\$4)                                                                                                                                                                                                                                                                  | USPAT           | OR | OFF | 2004/08/27 15:18 |
| S41 | 2   | "20020179846" "20030071629"                                                                                                                                                                                                                                                                                                                                     | US-PGPUB        | OR | ON  | 2004/08/30 08:34 |
| S42 | 1   | "6661233".pn.                                                                                                                                                                                                                                                                                                                                                   | USPAT           | OR | ON  | 2004/08/30 09:35 |
| S43 | 8   | ("3847546"   "5014009"   "5099743"   "5265031"   "5589630"   "5955886"   "6134944"   "6333632").PN.                                                                                                                                                                                                                                                             | USPAT           | OR | OFF | 2004/08/30 08:36 |
| S44 | 1   | "6734435".pn.                                                                                                                                                                                                                                                                                                                                                   | USPAT           | OR | ON  | 2004/08/30 12:15 |
| S45 | 29  | ("3933432"   "4013913"   "4376893"   "4398152"   "4429228"   "4454425"   "4704536"   "4778998"   "4804846"   "5028544"   "5393979"   "5431714"   "5504328"   "5520060"   "5540898"   "5561344"   "5572137"   "5604059"   "5728586"   "5733833"   "5773833"   "5855850"   "5968837"   "6225633"   "6313638"   "6320388"   "6333632"   "6469303"   "6509562").PN. | USPAT           | OR | OFF | 2004/08/30 09:52 |

|     |     |                                                                                                                                                           |                                                         |    |     |                  |
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| S46 | 215 | (UV near2 lamp) and (power near2 control\$4)                                                                                                              | USPAT                                                   | OR | ON  | 2004/08/30 12:16 |
| S47 | 362 | (UV near2 lamp) and (power near2 control\$4)                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/08/30 12:17 |
| S48 | 84  | (UV near2 lamp) and (power adj control\$4)                                                                                                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/08/30 13:25 |
| S49 | 0   | ((UV near2 lamp) and (power adj control\$4)) and photoioniz\$4                                                                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/08/30 12:18 |
| S50 | 1   | ((UV near2 lamp) and (power adj control\$4)) and (photoioniz\$6 or photo-ioniz\$6)                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/08/30 12:19 |
| S51 | 4   | ((UV near2 lamp) and (power near2 control\$4)) and (photoioniz\$6 or photo-ioniz\$6)                                                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/08/30 12:19 |
| S52 | 13  | (photoioniz\$6 or photo-ioniz\$6) and (power adj control\$4)                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/08/30 13:26 |
| S53 | 12  | ((photoioniz\$6 or photo-ioniz\$6) and (power adj control\$4)) not (((UV near2 lamp) and (power near2 control\$4)) and (photoioniz\$6 or photo-ioniz\$6)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/08/30 13:53 |
| S54 | 1   | ("5540898").pn.                                                                                                                                           | USPAT                                                   | OR | ON  | 2004/08/30 13:54 |
| S55 | 1   | "20030146082"                                                                                                                                             | US-PGPUB;<br>USPAT                                      | OR | ON  | 2004/08/30 13:57 |
| S56 | 1   | "6661233".pn.                                                                                                                                             | US-PGPUB;<br>USPAT                                      | OR | ON  | 2004/08/30 13:57 |
| S57 | 8   | ("3847546"   "5014009"   "5099743"   "5265031"   "5589630"   "5955886"   "6134944"   "6333632").PN.                                                       | USPAT                                                   | OR | OFF | 2004/08/30 13:57 |

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|-----|------|------------------------------------------------------------------------------------------------------------------------|------------------------|----|-----|------------------|
| S58 | 2    | ((("3847546"   "5014009"   "5099743"   "5265031"   "5589630"   "5955886"   "6134944"   "6333632").PN.) and calibrat\$4 | US-PGPUB; USPAT        | OR | ON  | 2004/08/30 14:00 |
| S59 | 9615 | power with calibrat\$6                                                                                                 | US-PGPUB; USPAT        | OR | ON  | 2004/08/30 14:01 |
| S60 | 40   | (power with calibrat\$6) and (UV near2 lamp)                                                                           | US-PGPUB; USPAT        | OR | ON  | 2004/08/30 14:07 |
| S61 | 0    | "20040100437".URPN.                                                                                                    | USPAT                  | OR | OFF | 2004/08/30 14:07 |
| S62 | 1    | 60/382623                                                                                                              | US-PGPUB; USPAT        | OR | ON  | 2004/08/30 14:11 |
| S63 | 6    | 09/416333) (10/133733                                                                                                  | US-PGPUB; USPAT        | OR | ON  | 2004/08/30 14:12 |
| S64 | 2    | ((UV near2 lamp) and (power near2 control\$4)) and (power with calibrate\$6)                                           | US-PGPUB; USPAT        | OR | ON  | 2004/08/30 14:16 |
| S65 | 4    | (09/416333) (10/133733) and (power with calibrate\$6)                                                                  | US-PGPUB; USPAT        | OR | ON  | 2004/08/30 14:16 |
| S73 | 1    | "20030146082"                                                                                                          | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/06 09:26 |
| S74 | 1    | "20040100437"                                                                                                          | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/06 08:38 |
| S75 | 87   | ((uv or ultraviolet or lamp) near3 (calibrat\$4)) with (time))                                                         | US-PGPUB; USPAT; USOCR | OR | ON  | 2004/12/06 09:50 |
| S76 | 1    | ((uv or ultraviolet) near3 lamp) near3 (calibrat\$4)) with (time)                                                      | US-PGPUB; USPAT; USOCR | OR | ON  | 2004/12/06 09:58 |
| S77 | 6    | calibrat\$4 adj6 ((parameter level measurement) near3 (previous adj2 calibration))                                     | US-PGPUB; USPAT; USOCR | OR | ON  | 2004/12/06 10:16 |
| S78 | 6    | (calibrat\$4) adj6 ((based correspond\$4 derviv\$3) near2 (previous adj2 calibrat\$4))                                 | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/06 10:23 |
| S79 | 6    | S78 not S77                                                                                                            | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/06 10:54 |
| S80 | 1    | "4260932".pn.                                                                                                          | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/06 11:21 |
| S81 | 2326 | (increas\$3) near3 ((power current) near3 lamp)                                                                        | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/12/06 11:24 |

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| S82 | 7   | ((increas\$3) near3 ((power current) near3 lamp)) with performance                                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/06 11:54 |
| S83 | 1   | "5155596".pn.                                                                                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/06 11:33 |
| S84 | 28  | ((increas\$3) near3 ((power current) near3 lamp)) with (driv\$3 adj circuit)                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/06 13:17 |
| S85 | 1   | "6320388".pn.                                                                                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/06 13:17 |
| S86 | 16  | ("4341049"   "4376893"   "4429228"   "4704536"   "4778998"   "5028544"   "5393979"   "5431714"   "5504328"   "5540898"   "5561344"   "5572137"   "5604059"   "5773833"   "5855850"   "5968837").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/06 15:44 |
| S87 | 197 | 324/459-465.ccls. and calibrat\$4                                                                                                                                                                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/06 15:45 |
| S88 | 10  | 324/459-465.ccls. and (calibrat\$4 same lamp\$2)                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/06 16:45 |
| S89 | 647 | 250/281,282,286,289,382,384. ccls. and calibrat\$4                                                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/06 16:58 |
| S90 | 0   | 250/281,282,286,289,382,384. ccls. and (calibrat\$4 with (fine adj tun\$3))                                                                                                                         | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/06 16:46 |
| S91 | 0   | 250/281,282,286,289,382,384. ccls. and (calibrat\$4 same (fine adj tun\$3))                                                                                                                         | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/06 16:46 |
| S92 | 104 | 250/281,282,286,289,382,384. ccls. and (calibrat\$4 with (step\$3 level\$1 map\$4))                                                                                                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/06 16:48 |
| S93 | 7   | S92 and lamp                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/06 16:48 |
| S94 | 5   | 250/281,282,286,289,382,384. ccls. and (calibrat\$4 with lamp)                                                                                                                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/06 17:00 |
| S95 | 0   | 324/601.ccls. and (ultraviolet near3 lamp\$1)                                                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/06 17:01 |

|          |      |                                                   |                              |    |     |                  |
|----------|------|---------------------------------------------------|------------------------------|----|-----|------------------|
| S96      | 17   | 324/601.ccls. and (lamp\$1)                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/06 17:05 |
| S97      | 1    | 324/601.ccls. and (drive adj2<br>power)           | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/06 17:01 |
| S98      | 0    | 324/601.ccls. and 324/459-465.<br>ccls.           | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/06 17:06 |
| S99      | 0    | 324/601.ccls. and 250/281-289,<br>382-384.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2004/12/06 17:06 |
| S10<br>0 | 571  | (ultraviolet adj2 lamp) and<br>(calibrat\$4)      | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2004/12/07 08:10 |
| S10<br>1 | 95   | ((ultraviolet adj2 lamp) same<br>(calibrat\$4))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2004/12/07 08:13 |
| S10<br>2 | 53   | S101 and concentration                            | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2004/12/07 08:13 |
| S10<br>3 | 7699 | ((lamp) same (calibrat\$4))                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2004/12/07 08:14 |
| S10<br>4 | 1760 | S103 and concentration                            | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2004/12/07 08:13 |
| S10<br>5 | 505  | ((lamp) same (calibrat\$4)) same<br>concentration | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2004/12/07 08:14 |
| S10<br>6 | 40   | S105 and ioniz\$4                                 | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2004/12/07 08:42 |
| S10<br>7 | 1    | "6320388".pn.                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2004/12/07 08:51 |
| S10<br>8 | 1    | "20030146082"                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2004/12/07 10:13 |
| S10<br>9 | 1    | "5703489".pn.                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2004/12/07 10:13 |
| S11<br>0 | 1    | "20020171819"                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2004/12/07 10:13 |
| S11<br>3 | 1    | "5773833".pn.                                     | USPAT                        | OR | OFF | 2004/12/07 11:12 |

|          |     |                                                                                                                                                                                                                                                                                                 |                              |    |     |                  |
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| S11<br>4 | 1   | "6262542".pn.                                                                                                                                                                                                                                                                                   | USPAT                        | OR | OFF | 2004/12/07 16:05 |
| S11<br>5 | 1   | "5528288".pn.                                                                                                                                                                                                                                                                                   | USPAT                        | OR | OFF | 2004/12/07 16:46 |
| S11<br>6 | 1   | "6661233".pn.                                                                                                                                                                                                                                                                                   | USPAT                        | OR | OFF | 2004/12/07 16:46 |
| S11<br>7 | 1   | "20030146082"                                                                                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/05/20 17:18 |
| S11<br>8 | 0   | 10/607950                                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/05/20 18:01 |
| S11<br>9 | 377 | (measur\$4 detect\$4 determin\$4)<br>with (ion\$1 ionization) with lamp                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/05/20 18:09 |
| S12<br>0 | 117 | ((measur\$4 detect\$4 determin\$4)<br>near4 (ion\$1 ionization)) with<br>lamp                                                                                                                                                                                                                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/05/20 18:14 |
| S12<br>1 | 24  | ((measur\$4 detect\$4 determin\$4)<br>near4 (ion\$1 ionization)) with<br>lamp with (gas\$2 gaseous)                                                                                                                                                                                             | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/05/20 18:16 |
| S12<br>2 | 6   | (09/574578 09/870179 09/902144<br>09/978260)                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/05/20 18:18 |
| S12<br>3 | 3   | ("5393979" "5561344"<br>"5773833").pn.                                                                                                                                                                                                                                                          | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/05/20 18:18 |
| S12<br>4 | 9   | S122 or S123                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/05/20 18:18 |
| S12<br>5 | 25  | ("3661786" "5152814" "5330722"<br> "5460705" "5501801" "5505904"<br> "5523057" "5616172" "5656242"<br> "5688575" "5759239" "5779912"<br> "5837040" "5883740" "5891399"<br> "5925320" "5961920" "5997619"<br> "6136186" "6171548" "6173710"<br> "6179969" "6195906" "6221314"<br> "6264888").PN. | USPAT                        | OR | ON  | 2005/05/23 09:35 |
| S12<br>6 | 1   | S125 and (ionization)                                                                                                                                                                                                                                                                           | USPAT                        | OR | ON  | 2005/05/23 09:55 |
| S12<br>7 | 16  | ("20020171819" "20030146082" "5115668" "5393979" "5528288" "5561344" "5703489" "5773833" "6225633" "6262542" "6313638" "6320388" "6333632" "6469303" "6509562" "6661233").PN.                                                                                                                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2005/05/23 09:56 |



|          |    |                                                                                                                                                                                                                          |                              |    |     |                  |
|----------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----|-----|------------------|
| S12<br>8 | 16 | ("4341049"   "4376893"  <br>"4429228"   "4704536"  <br>"4778998"   "5028544"  <br>"5393979"   "5431714"  <br>"5504328"   "5540898"  <br>"5561344"   "5572137"  <br>"5604059"   "5773833"  <br>"5855850"   "5968837").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/23 10:58 |
| S12<br>9 | 8  | (photo-ionization (photo adj<br>ionization)) and (concentration<br>with threshold)                                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/05/23 11:02 |